

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	21	( (\$4kernel\$3 or (operating adj system\$3) or OS).ti. or (\$4kernel\$3 or (operating adj system\$3) or OS).ab. ) (binary or execut\$4 or run\$3 or compil\$4) ( (\$4kernel\$3) near4 ((\$4digital\$4 near4 (\$4signatur\$4 or \$4Certif\$8)) or (\$4messag\$4 adj (\$4digest\$4 or \$4Integrit\$4)) or Hash ) ) (\$4crypt\$5 or \$4cipher\$5 or \$4scrambl\$5) (\$4Authenticat\$5 or \$4Authoriz\$6 or \$4Permi\$6 or \$4Verif\$8 or \$4Certif\$8 or \$4Validat\$6 \$4Approv\$6 or \$4Confir\$7 or \$4Credit\$6) (\$4tamper\$5 or \$4detect\$5 or \$4Modif\$7 or \$4Alter\$5 or \$4Chang\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/21 13:20
L2	11	I1 @ad<"20030623"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/21 11:48
L3	51	("4885684"   "5138712"   "5274644"   "5311593"   "5446864"   "5446881"   "5455953"   "5469556").PN. OR ("5802590").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/21 12:14
L4	8	("4654846"   "4965714"   "5345590"   "5361359"   "5680547"   "5844986"   "6330670"   "6363497").PN. OR ("6986042").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/21 12:14
L5	59	I3 I4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/21 12:14

## EAST Search History

L6	0	I5 ( (\$4kernel\$3 or (operating adj system\$3) or OS).ti. or (\$4kernel\$3 or (operating adj system\$3) or OS).ab. ) (binary or execut\$4 or run\$3 or compil\$4) ( (\$4kernel\$3) with ((4digital\$4 near4 (\$4signatur\$4 or \$4Certif\$8)) or (\$4messag\$4 adj (\$4digest\$4 or \$4Integrit\$4)) or Hash) ) (\$4crypt\$5 or \$4cipher\$5 or \$4scrambl\$5) (\$4Authenticat\$5 or \$4Authoriz\$6 or \$4Permi\$6 or \$4Verif\$8 or \$4Certif\$8 or \$4Validat\$6 \$4Approv\$6 or \$4Confir\$7 or \$4Credent\$6) (\$4tamper\$5 or \$4detect\$5 or \$4Modif\$7 or \$4Alter\$5 or \$4Chang\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/21 12:15
L7	17	(US-20030120935-\$ or US-20010044904-\$ or US-20030196085-\$ or US-20030135744-\$ or US-20030018892-\$ or US-20020099952-\$ or US-20020188763-\$).did. or (US-7174457-\$ or US-7159240-\$ or US-6263431-\$ or US-6189103-\$ or US-6412069-\$ or US-6185678-\$ or US-6148083-\$ or US-3996449-\$ or US-5737523-\$ or US-5802590-\$). did.	US-PGPUB; USPAT	AND	ON	2007/09/21 12:46
L8	4	I7 ( (\$4kernel\$3 or (operating adj system\$3) or OS).ti. or (\$4kernel\$3 or (operating adj system\$3) or OS).ab. ) (binary or execut\$4 or run\$3 or compil\$4) ( (\$4kernel\$3) near4 ((4digital\$4 near4 (\$4signatur\$4 or \$4Certif\$8)) or (\$4messag\$4 adj (\$4digest\$4 or \$4Integrit\$4)) or Hash) ) (\$4crypt\$5 or \$4cipher\$5 or \$4scrambl\$5) (\$4Authenticat\$5 or \$4Authoriz\$6 or \$4Permi\$6 or \$4Verif\$8 or \$4Certif\$8 or \$4Validat\$6 \$4Approv\$6 or \$4Confir\$7 or \$4Credent\$6) (\$4tamper\$5 or \$4detect\$5 or \$4Modif\$7 or \$4Alter\$5 or \$4Chang\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/21 13:24
L9	4	I8 (\$4kernel\$3) near4 ((4digital\$4 near4 (\$4signatur\$4 or \$4Certif\$8)) or (\$4messag\$4 adj (\$4digest\$4 or \$4Integrit\$4)) or Hash)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/21 13:25

## EAST Search History

S14 0	15	S139 @ad<"20030623"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/20 22:58
S14 1	9	S140 ( (\$4kernel\$3 or (operating adj system\$3) or OS).ti. or (\$4kernel\$3 or (operating adj system\$3) or OS).ab. ) (binary or execut\$4 or run\$3 or compil\$4) ( (\$4kernel\$3 or (operating adj system\$3) or OS) with (( \$4digital\$4 near4 (\$4signatur\$4 or \$4Certif\$8)) or (\$4messag\$4 adj (\$4digest\$4 or \$4Integrit\$4)) or Hash) ) (\$4crypt\$5 or \$4cipher\$5 or \$4scrambl\$5) (\$4Authenticat\$5 or \$4Authoriz\$6 or \$4Permi\$6 or \$4Verif\$8 or \$4Certif\$8 or \$4Validat\$6 \$4Approv\$6 or \$4Confir\$7 or \$4Credit\$6) (\$4tamper\$5 or \$4detect\$5 or \$4Modif\$7 or \$4Alter\$5 or \$4Chang\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/20 23:22
S14 2	43	("5349642"   "5481720"   "5499358"   "5628007"   "5633931"   "5671414"   "5677851"   "5692129"   "5737518"   "5737523"   "5751812"   "5758069"   "5761499"   "5781724"   "6061790").PN. OR ("6189103").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/20 22:57
S14 3	2	"20030120935"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/20 22:57
S14 4	40	S142 @ad<"20030623"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/20 22:58
S14 5	3	S144 ( (\$4kernel\$3 or (operating adj system\$3) or OS).ti. or (\$4kernel\$3 or (operating adj system\$3) or OS).ab. )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/20 22:59

## EAST Search History

L10	4	I8 ( (\$4kernel\$3) near4 ((\$4digital\$4 near4 (\$4signatur\$4 or \$4Certif\$8)) or (\$4messag\$4 adj (\$4digest\$4 or \$4Integrit\$4)) or Hash) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/21 13:27
L11	0	"I17" ( (\$4kernel\$3) near4 ((\$4digital\$4 near4 (\$4signatur\$4 or \$4Certif\$8)) or (\$4messag\$4 adj (\$4digest\$4 or \$4Integrit\$4)) or Hash) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/21 13:27
L12	5	I7 ( (\$4kernel\$3) near4 ((\$4digital\$4 near4 (\$4signatur\$4 or \$4Certif\$8)) or (\$4messag\$4 adj (\$4digest\$4 or \$4Integrit\$4)) or Hash) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/21 13:28
L14	2	"20030018892"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/21 13:44
L15	1	10/602196	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/21 13:55
L18	20	(US-20030018892-\$ or US-20010044904-\$ or US-20020099952-\$ or US-20020188763-\$ or US-20030120935-\$ or US-20030135744-\$ or US-20030196085-\$ or US-20040078568-\$).did. or (US-3996449-\$ or US-5737523-\$ or US-5802590-\$ or US-6148083-\$ or US-6185678-\$ or US-6189103-\$ or US-6263431-\$ or US-6412069-\$ or US-7159240-\$ or US-7174457-\$ or US-6957332-\$).did. or (WO-200180482-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2007/09/21 14:15
S1	1	SOLSONA, MARC MITTAL, AJAY	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23

## EAST Search History

S2	6	SOLSONA-MARC.in. MITTAL-AJAY. in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 17:23
S3	265	713/187.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23
S4	2	"6185678".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23
S5	2	"5379342".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23
S6	2	"6263431".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23
S7	2	"6591376".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23
S8	8	S4 S5 S6 S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 17:23
S9	14	S4 S5 S6 S7 S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 17:23

## EAST Search History

S10	14	((operating adj system\$2) or OS).ti. or ((operating adj system\$2) or OS).ab.) kernel\$3 tamper\$5 (protect\$5 or secure\$4) encrypt\$5 (message adj digest) (Secure adj Hash ) (digital adj signatur\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 18:15
S11	70	((operating adj system\$2) or OS).ti. or ((operating adj system\$2) or OS).ab.) kernel\$3 tamper\$5 (protect\$5 or secure\$4) encrypt\$5 (digital adj signatur\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23
S12	40	(Secur\$3 or protect\$3) adj kernel\$3 (Secur\$3 or protect\$3) adj (operating adj system\$3) (Secur\$3 or protect\$3) boot\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23
S13	9	(Secur\$3 or protect\$3) adj kernel\$3 (Secur\$3 or protect\$3) adj (operating adj system\$3) (Secur\$3 or protect\$3) boot\$4 tamper\$5 encrypt\$5 (digital adj signatur\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23
S14	0	(Secur\$3 or protect\$3) adj kernel\$3 (Secur\$3 or protect\$3) adj (operating adj system\$3) (Secur\$3 or protect\$3) adj boot\$4 encrypt\$5 (digital adj signatur\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23
S15	0	( (Secur\$3 or protect\$3) kernel\$3 (Secur\$3 or protect\$3) (operating adj system\$3) (Secur\$3 or protect\$3) boot\$4 encrypt\$5 (digital adj signatur\$3 ).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23
S16	0	( (Secur\$3 or protect\$3) kernel\$3 (Secur\$3 or protect\$3) (operating adj system\$3) (Secur\$3 or protect\$3) boot\$4 encrypt\$5 (digital adj signatur\$3 ) .ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23
S17	15	( (Secur\$3 or protect\$3) kernel\$3 (Secur\$3 or protect\$3) (operating adj system\$3) (Secur\$3 or protect\$3) boot\$4 ) .ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23

## EAST Search History

S18	9	S9 @ad<"20030623"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23
S19	6	S10 @ad<"20030623"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23
S20	49	S11 @ad<"20030623"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23
S21	431	ginter\$5.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23
S22	26	S20 not S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23
S23	9	S13 @ad<"20030623"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 18:17
S24	14	S17 @ad<"20030623"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23
S25	431	ginter\$5.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23

## EAST Search History

S26	11	(US-20030196085-\$ or US-20030097578-\$ or US-20030177371-\$ or US-20040210764-\$ or US-20030097579-\$ or US-20040230794-\$ or US-20030097558-\$).did. or (US-7073059-\$ or US-5974547-\$). did. or (US-20030018892-\$ or US-5349643-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2006/07/17 17:23
S27	18	(US-5557765-\$ or US-5007082-\$ or US-5757919-\$ or US-5664016-\$ or US-6189100-\$ or US-6148083-\$ or US-6327660-\$ or US-6185678-\$ or US-5349643-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23
S28	28	S26 S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 17:23
S29	64	((Operating adj system\$2) or OS) kernel\$3 tamper\$5 (protect\$5 or secure\$4) encrypt\$5 (message adj digest) (Secure adj Hash ) (digital adj signatur\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 21:21
S30	4	S28 ((Operating adj system\$2) or OS) kernel\$3 tamper\$5 (protect\$5 or secure\$4) encrypt\$5 (message adj digest) (Secure adj Hash ) (digital adj signatur\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23
S31	13809	kernel\$3 (operating adj system\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23
S32	7597	kernel\$3 (operating adj system\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2006/07/17 17:23

## EAST Search History

S33	2	kernel\$3 (operating adj system\$3) (digital adj signatur\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2006/07/17 17:23
S34	17	(kernel\$3 with (operating adj system\$3)) (digital adj signatur\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/07/17 17:23
S35	8	S34 @ad<"20030623"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/21 11:48
S36	66	(kernel\$3 with (operating adj system\$3)) (digital adj signatur\$3) integr\$5 (tamper\$5 same detect\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23
S37	66	(kernel\$3 with (operating adj system\$3)) (digital adj signatur\$3) integr\$5 (tamper\$5 same detect\$5) (Modif\$7 or Alter\$5 or Chang\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23
S38	31	((Modif\$7 or Alter\$5 or Chang\$4) same (kernel\$3 with (operating adj system\$3))) (digital adj signatur\$3) integr\$5 (tamper\$5 same detect\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23
S39	13	S38 @ad<"20030623"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/02 00:55
S40	431	ginter\$5.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23

## EAST Search History

S41	8	S39 not S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23
S42	0	(kernel\$3 with (operating adj system\$3)).ti. (digital adj signatur\$3) integr\$5 (tamper\$5 same detect\$5) (Modif\$7 or Alter\$5 or Chang\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23
S43	3	(kernel\$3 with (operating adj system\$3)).ab. (digital adj signatur\$3) integr\$5 (tamper\$5 same detect\$5) (Modif\$7 or Alter\$5 or Chang\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:23
S44	2	S43 @ad<"20030623"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:30
S45	12	(US-20040078568-\$ or US-20030097581-\$ or US-20020099952-\$ or US-20030097579-\$ or US-20030018892-\$ or US-20030135744-\$).did. or (US-6412069-\$ or US-6978018-\$ or US-6185678-\$ or US-7073059-\$ or US-6986042-\$).did. or (WO-200180482-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2006/07/17 17:29
S46	0	S26 S27 S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:30
S47	37	S26 S27 S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 17:30

## EAST Search History

S48	37	S47 @ad<"20030623"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 17:30
S49	29	(US-20030135744-\$ or US-20030097558-\$ or US-20030097578-\$ or US-20030097579-\$ or US-20040230794-\$ or US-20040210764-\$ or US-20030196085-\$ or US-20020099952-\$ or US-20040078568-\$ or US-20030018892-\$ or US-20030177371-\$ or US-20030097581-\$).did. or (US-6185678-\$ or US-6189100-\$ or US-5349643-\$ or US-5007082-\$ or US-6148083-\$ or US-6327660-\$ or US-5557765-\$ or US-5974547-\$ or US-6412069-\$ or US-5757919-\$ or US-6986042-\$ or US-5664016-\$ or US-7073059-\$ or US-6978018-\$). did. or (US-5557346-\$ or WO-200180482-\$ or GB-2334866-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2006/07/17 17:33
S50	0	(kernel\$3 with (operating adj system\$3)).ab. (digital adj signatur\$3) integr\$5 (tamper\$5 same detect\$5) (Modif\$7 or Alter\$5 or Chang\$4) kernel\$3 tamper\$5 (protect\$5 or secure\$4) encrypt\$5 (message adj digest) (Secure adj Hash ) (digital adj signatur\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 18:16
S51	10	(kernel\$3 with (operating adj system\$3)) (digital adj signatur\$3) integr\$5 (tamper\$5 same detect\$5) (Modif\$7 or Alter\$5 or Chang\$4) kernel\$3 tamper\$5 (protect\$5 or secure\$4) encrypt\$5 (message adj digest) (Secure adj Hash ) (digital adj signatur\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 18:16
S52	2	S51 @ad<"20030623"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 21:19
S53	1	(US-20040039924-\$).did.	US-PGPUB	AND	ON	2006/07/17 18:23

## EAST Search History

S54	29	(US-20030135744-\$ or US-20030097558-\$ or US-20030097578-\$ or US-20030097579-\$ or US-20040230794-\$ or US-20040210764-\$ or US-20030196085-\$ or US-20020099952-\$ or US-20040078568-\$ or US-20030018892-\$ or US-20030177371-\$ or US-20030097581-\$).did. or (US-6185678-\$ or US-6189100-\$ or US-5349643-\$ or US-5007082-\$ or US-6148083-\$ or US-6327660-\$ or US-5557765-\$ or US-5974547-\$ or US-6412069-\$ or US-5757919-\$ or US-6986042-\$ or US-5664016-\$ or US-7073059-\$ or US-6978018-\$). did. or (US-5557346-\$ or WO-200180482-\$ or GB-2334866-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2006/07/17 21:15
S55	1	(US-20040039924-\$).did.	US-PGPUB	AND	ON	2006/07/17 21:15
S56	30	S54 S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 21:15
S57	58	("4120030"   "4168396"   "4306289"   "4352952"   "4433207"   "4685056"   "4698617"   "4764959"   "4905277").PN. OR ("5007082").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/17 21:15
S58	65	("3996449"   "4799258"   "4941175"   "4958278"   "4969188"   "4984272"   "5023907"   "5032979"   "5053947"   "5056140"   "5067154"   "5210795").PN. OR ("5349643").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/17 21:16
S59	86	("4590470"   "4926480"   "4947430"   "4996711"   "5191611"   "5224163"   "5263157"   "5267313"   "5276736"   "5276737"   "5276901"   "5299263"   "5313637"   "5315658"   "5347578"   "5351293"   "5371794"   "5406628"   "5436972").PN. OR ("5557765").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/17 21:16
S60	25	("4078152"   "4322576"   "5420928"   "5483598").PN. OR ("5664016").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/17 21:16

## EAST Search History

S61	54	("5007083"   "5343527").PN. OR ("5757919").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/17 21:16
S62	73	("5280627"   "5404527"   "5574915"   "5577210"   "5644714"   "5689708"   "5842011"   "5893106").PN. OR ("5974547").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/17 21:16
S63	10	("4104721"   "5164988"   "5339417"   "5651068").PN. OR ("6148083").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/17 21:16
S64	43	("4200770"   "5146499"   "5379342"   "5410699"   "5421006"   "5564054"   "5629980"   "5692047"   "5745669"   "5937063"   "5974546").PN. OR ("6185678").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/17 21:16
S65	28	("4993068"   "5235642"   "5560008"   "5999711").PN. OR ("6189100").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/17 21:16
S66	25	("4278837"   "5022077"   "5144659"   "5289540"   "5359659"   "5421006"   "5444850"   "5448045"   "5450489"   "5465299"   "5479509"   "5500897"   "5666411"   "5699428"   "5835594").PN. OR ("6327660").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/17 21:17
S67	8	("4562305"   "4987595"   "5557346"   "5623545"   "5631960"   "5721777"   "6070198").PN. OR ("6412069").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/17 21:17
S68	1	("2002/0099952").URPN.	USPAT	AND	ON	2006/07/17 21:17
S69	18	("2003/0018892").URPN.	USPAT	AND	ON	2006/07/17 21:17
S70	5	("2003/0097581").URPN.	USPAT	AND	ON	2006/07/17 21:17
S71	1	("2003/0097579").URPN.	USPAT	AND	ON	2006/07/17 21:17
S72	1	("2003/0097578").URPN.	USPAT	AND	ON	2006/07/17 21:17
S73	1	("2003/0097558").URPN.	USPAT	AND	ON	2006/07/17 21:17
S74	0	("2003/0135744").URPN.	USPAT	AND	ON	2006/07/17 21:17
S75	0	("2003/0177371").URPN.	USPAT	AND	ON	2006/07/17 21:18
S76	16	("2003/0196085").URPN.	USPAT	AND	ON	2006/07/17 21:18
S77	0	("2004/0039924").URPN.	USPAT	AND	ON	2006/07/17 21:18
S78	0	("2004/0078568").URPN.	USPAT	AND	ON	2006/07/17 21:18
S79	0	("2004/0210764").URPN.	USPAT	AND	ON	2006/07/17 21:18
S80	0	("2004/0230794").URPN.	USPAT	AND	ON	2006/07/17 21:18

## EAST Search History

S81	2	("5710814"   "5857144").PN. OR ("6978018").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/17 21:18
S82	8	("4654846"   "4965714"   "5345590"   "5361359"   "5680547"   "5844986"   "6330670"   "6363497").PN. OR ("6986042").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/17 21:18
S83	5	("5043878"   "5774652"   "5948064"   "6131165"   "6154818").PN. OR ("7073059").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/17 21:19
S84	445	S57 S58 S59 S60 S61 S62 S63 S64 S65 S66 S67 S68 S69 S70 S71 S72 S73 S74 S75 S76 S77 S78 S79 S80 S81 S82 S83	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/17 21:19
S85	425	S84 @ad<"20030623"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 21:20
S86	77	S85 ( ((Operating adj system\$2) or OS) or kernel\$3 or (protect\$5 or secure\$4) ).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/17 21:22
S87	6	(US-3996449-\$ or US-5032979-\$ or US-5144659-\$ or US-6330670-\$ or US-6941458-\$ or US-6957332-\$).did.	USPAT	AND	ON	2006/07/17 21:46

## EAST Search History

S88	29	(US-20030135744-\$ or US-20030097558-\$ or US-20030097578-\$ or US-20030097579-\$ or US-20040230794-\$ or US-20040210764-\$ or US-20030196085-\$ or US-20020099952-\$ or US-20040078568-\$ or US-20030018892-\$ or US-20030177371-\$ or US-20030097581-\$).did. or (US-6185678-\$ or US-6189100-\$ or US-5349643-\$ or US-5007082-\$ or US-6148083-\$ or US-6327660-\$ or US-5557765-\$ or US-5974547-\$ or US-6412069-\$ or US-5757919-\$ or US-6986042-\$ or US-5664016-\$ or US-7073059-\$ or US-6978018-\$). did. or (US-5557346-\$ or WO-200180482-\$ or GB-2334866-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2006/07/18 10:03
S89	1	(US-20040039924-\$).did.	US-PGPUB	AND	ON	2006/07/18 10:03
S90	6	(US-3996449-\$ or US-5032979-\$ or US-5144659-\$ or US-6330670-\$ or US-6941458-\$ or US-6957332-\$). did.	USPAT	AND	ON	2006/07/18 10:03
S91	36	S88 S89 S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 10:04
S92	12600416	S91 kernel\$3 (operating adj system\$3) (digital adj signatur\$3) integr\$5 tamper\$5 detect\$5 (Modif\$7 or Alter\$5 or Chang\$4) (protect\$5 or secure\$4) encrypt\$5 (message adj digest) (Secure adj Hash ) (digital adj signatur\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 10:06
S93	2	S91 kernel\$3 (operating adj system\$3) (digital adj signatur\$3) integr\$5 tamper\$5 detect\$5 (Modif\$7 or Alter\$5 or Chang\$4) (protect\$5 or secure\$4) encrypt\$5 (message adj digest) (Secure adj Hash ) (digital adj signatur\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/18 10:10

## EAST Search History

S94	34	S91 not S93	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/18 10:19
S95	4	S94 kernel\$3 (operating adj system\$3) (digital adj signatur\$3) integr\$5 tamper\$5 detect\$5 (Modif\$7 or Alter\$5 or Chang\$4) (protect\$5 or secure\$4) encrypt\$5 (digital adj signatur\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/18 10:19
S96	30	S94 not S95	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/18 10:21
S97	1	S96 kernel\$3 (operating adj system\$3) (digital adj signatur\$3) integr\$5 detect\$5 (Modif\$7 or Alter\$5 or Chang\$4) (protect\$5 or secure\$4) encrypt\$5 (digital adj signatur\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/20 16:07
S98	29	S96 not S97	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/18 10:36
S99	11	S98 kernel\$3 (operating adj system\$3) (protect\$5 or secure\$4) encrypt\$5 (digital adj signatur\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/18 10:53
S100	18	S98 not S99	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/18 10:36
S101	0	S100 kernel\$3 (operating adj system\$3) (protect\$5 or secure\$4) encrypt\$5 (digital adj signatur\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/18 10:37

## EAST Search History

S10 2	10	S100 kernel\$3 (operating adj system\$3) (protect\$5 or secure\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/18 10:37
S10 3	8	S91 not (S93 or S95 or S97 or S99 or S102)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/07/18 10:54
S10 4	17	(US-20040039924-\$ or US-20030177371-\$ or US-20040078568-\$ or US-20030018892-\$ or US-20030135744-\$ or US-20030196085-\$ or US-20040210764-\$ or US-20020099952-\$).did. or (US-6986042-\$ or US-6330670-\$ or US-6412069-\$ or US-6978018-\$ or US-6148083-\$ or US-6185678-\$ or US-6957332-\$ or US-3996449-\$). did. or (WO-200180482-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2006/07/18 11:04
S10 5	36	S88 S89 S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 11:04
S10 6	1	10/602196	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/02 00:25
S10 7	17	(US-20030018892-\$ or US-20020099952-\$ or US-20040078568-\$ or US-20040039924-\$ or US-20030196085-\$ or US-20030177371-\$ or US-20040210764-\$ or US-20030135744-\$).did. or (US-6412069-\$ or US-6330670-\$ or US-6185678-\$ or US-6978018-\$ or US-6957332-\$ or US-3996449-\$ or US-6148083-\$ or US-6986042-\$). did. or (WO-200180482-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2007/01/02 00:25

## EAST Search History

S10 8	6	(integri\$5 kernel\$4).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/02 01:16
S10 9	3	S108 @ad<"20030623"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/06 17:12
S11 0	3	"20040078568"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/02 00:58
S11 1	2	"6412069".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/02 00:58
S11 2	2	"6412069".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/02 00:58
S11 3	64	(integri\$5 kernel\$4).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/02 01:03
S11 4	43	S113 @ad<"20030623"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/20 16:48
S11 5	3	"20020188763"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/02 01:16

## EAST Search History

S11 6	2	S115 (integri\$5 same kernel\$4 same operating same syste\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/06 17:10
S11 7	1258	(integri\$5 with (kernel\$4 or (operating adj syste\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/06 17:12
S11 8	35	(integri\$5 with (kernel\$4 or (operating adj syste\$4))).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/06 17:23
S11 9	20	S118 @ad<"20030623"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/06 17:24
S12 0	21	(integri\$5 with Kernel\$4).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/06 17:24
S12 1	13	S120 @ad<"20030623"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/06 17:28

## EAST Search History

S12 2	22	(US-20020188763-\$ or US-20020099952-\$ or US-20030018892-\$ or US-20030135744-\$ or US-20030177371-\$ or US-20030196085-\$ or US-20040039924-\$ or US-20040210764-\$ or US-20040078568-\$ or US-20020194493-\$).did. or (US-3996449-\$ or US-6148083-\$ or US-6185678-\$ or US-6330670-\$ or US-6412069-\$ or US-6957332-\$ or US-6978018-\$ or US-6986042-\$). did. or (US-20040025016-\$ or WO-200180482-\$ or GB-2382419-\$ or US-20020194496-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2007/01/06 17:28
S12 3	22	S122 @ad<"20030623"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/06 17:28
S12 4	915	( (\$4kernel\$3 or (operating adj system\$3) or OS) with ((\$4digital\$4 near4 (\$4signatur\$4 or \$4Certif\$8)) or (\$4messag\$4 adj (\$4digest\$4 or \$4Integrit\$4)) or Hash) ) (\$4crypt\$5 or \$4cipher\$5 or \$4scrambl\$5) (\$4Authenticat\$5 or \$4Authoriz\$6 or \$4Permi\$6 or \$4Verif\$8 or \$4Certif\$8 or \$4Validat\$6 \$4Approv\$6 or \$4Confir\$7 or \$4Credent\$6) (\$4tamper\$5 or \$4detect\$5 or \$4Modif\$7 or \$4Alter\$5 or \$4Chang\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/20 16:45
S12 5	527	S124 @ad<"20030623"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/20 17:05

## EAST Search History

S12 6	22	(US-20020099952-\$ or US-20030135744-\$ or US-20040039924-\$ or US-20030177371-\$ or US-20030196085-\$ or US-20040210764-\$ or US-20020188763-\$ or US-20020194493-\$ or US-20040078568-\$ or US-20030018892-\$).did. or (US-6978018-\$ or US-6148083-\$ or US-3996449-\$ or US-6957332-\$ or US-6330670-\$ or US-6986042-\$ or US-6185678-\$ or US-6412069-\$). did. or (US-20040025016-\$ or GB-2382419-\$ or US-20020194496-\$ or WO-200180482-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2007/09/20 16:50
S12 7	29131	nokia\$4.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/20 16:51
S12 8	524	S125 not S127	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/20 16:52
S12 9	3	S125 not S128	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/20 16:52
S13 0	105806	"380".clas. "726".clas. "713".clas. "705".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 16:54
S13 1	425	S128 S130	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/20 16:55

## EAST Search History

S13 2	404	S131 (binary or execut\$4 or run\$3 or compil\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/20 16:55
S13 3	16	S132 (\$4kernel\$3 or (operating adj system\$3) or OS).ti. (\$4kernel\$3 or (operating adj system\$3) or OS).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/20 16:59
S13 4	46	(\$4kernel\$3 or (operating adj system\$3) or OS).ti. (\$4kernel\$3 or (operating adj system\$3) or OS).ab. (binary or execut\$4 or run\$3 or compil\$4) ( (\$4kernel\$3 or (operating adj system\$3) or OS) with ((#4digital\$4 near4 (\$4signatur\$4 or \$4Certif\$8)) or (\$4messag\$4 adj (\$4digest\$4 or \$4Integrit\$4)) or Hash) ) (\$4crypt\$5 or \$4cipher\$5 or \$4scrambl\$5) (\$4Authenticat\$5 or \$4Authoriz\$6 or \$4Permi\$6 or \$4Verif\$8 or \$4Certif\$8 or \$4Validat\$6 \$4Approv\$6 or \$4Confir\$7 or \$4Credent\$6) (\$4tamper\$5 or \$4detect\$5 or \$4Modif\$7 or \$4Alter\$5 or \$4Chang\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/20 22:59
S13 5	20	S134 @ad<"20030623"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/20 17:05

## EAST Search History

S13 6	46	(\$4kernel\$3 or (operating adj system\$3) or OS).ti. (\$4kernel\$3 or (operating adj system\$3) or OS).ab. (binary or execut\$4 or run\$3 or compil\$4) ( (\$4kernel\$3 or (operating adj system\$3) or OS) with ((4digital\$4 near4 (\$4signatur\$4 or \$4Certif\$8)) or (\$4messag\$4 adj (\$4digest\$4 or \$4Integrit\$4)) or Hash) ) (\$4crypt\$5 or \$4cipher\$5 or \$4scrambl\$5) (\$4Authenticat\$5 or \$4Authoriz\$6 or \$4Permi\$6 or \$4Verif\$8 or \$4Certif\$8 or \$4Validat\$6 \$4Approv\$6 or \$4Confir\$7 or \$4Credent\$6) (\$4tamper\$5 or \$4detect\$5 or \$4Modif\$7 or \$4Alter\$5 or \$4Chang\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/20 21:02
S13 7	20	S136 @ad<"20030623"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/20 21:02
S13 8	13	(US-20040039924-\$ or US-20030177371-\$ or US-20040078568-\$ or US-20030018892-\$ or US-20030135744-\$ or US-20030196085-\$ or US-20040210764-\$ or US-20020099952-\$).did. or (US-6986042-\$ or US-6330670-\$ or US-6412069-\$ or US-6978018-\$ or US-6148083-\$ or US-6185678-\$ or US-6957332-\$ or US-3996449-\$). did. or (WO-200180482-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2007/09/20 20:44
S13 9	15	(US-20030120935-\$ or US-20010044904-\$ or US-20030196085-\$ or US-20030135744-\$ or US-20030018892-\$ or US-20020099952-\$).did. or (US-7243230-\$ or US-7174457-\$ or US-7159240-\$ or US-6263431-\$ or US-6189103-\$ or US-6412069-\$ or US-6185678-\$ or US-6148083-\$ or US-3996449-\$).did.	US-PGPUB; USPAT	AND	ON	2007/09/20 21:01

## EAST Search History

S14 6	1	S143 ( (\$4kernel\$3 or (operating adj system\$3) or OS).ti. or (\$4kernel\$3 or (operating adj system\$3) or OS).ab. ) (binary or execut\$4 or run\$3 or compil\$4) ( (\$4kernel\$3 or (operating adj system\$3) or OS) with (( \$4digital\$4 near4 (\$4signatur\$4 or \$4Certif\$8)) or (\$4messag\$4 adj (\$4digest\$4 or \$4Integrit\$4)) or Hash) ) (\$4crypt\$5 or \$4cipher\$5 or \$4scrambl\$5) (\$4Authenticat\$5 or \$4Authoriz\$6 or \$4Permi\$6 or \$4Verif\$8 or \$4Certif\$8 or \$4Validat\$6 \$4Approv\$6 or \$4Confir\$7 or \$4Credent\$6) (\$4tamper\$5 or \$4detect\$5 or \$4Modif\$7 or \$4Alter\$5 or \$4Chang\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/21 11:43
----------	---	--	---	-----	----	------------------